



United States Steel Corporation  
Clairton Works  
400 State Street  
Clairton, PA 15025

42-003-00032  
APC4=0  
ATP=00(OUTAGE Rpt)  
03-09-18

September 18, 2003

Dr. Roger C. Westman  
Department of Air Quality  
Bureau of Air Pollution Control  
301 Thirty-Ninth Street  
Pittsburgh, PA 15201

U.S. Environmental Protection Agency  
Region III  
Air, Radiation & Toxics Division  
1650 Arch Street  
Philadelphia, PA 19103-2029  
ATTN: Michael Ioff (3AT23)

Assistant Council  
Department of Environmental Protection  
Southwest Region  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745  
ATTN: Steve Hepler

Department of Justice  
Environmental and Natural Resource Division  
Environmental Enforcement Section  
P.O. Box 7611  
Ben Franklin Station  
Washington, D.C. 20044  
ATTN: David Street, Esq.

Subject: USS Reference Number: 03-0097  
ACHD Reference Number: 4619  
#2 Control Room  
USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 233-1015.

Sincerely,

Anton Lukac  
Plant Manager  
Clairton Works

NOTICE OF OUTAGE OF EQUIPMENT  
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 03-0097
2. Date & Time of Breakdown: Date: 09/17/03 Time: 1515 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: #2 Control Room
5. BAPC Permit Number (if applicable):
6. Location: Clairton, PA
7. Nature and cause of breakdown: A leak in the expansion turbine piping has resulted in a reduced level of operation at the #2 Control Room and partial bypassing coke oven gas to the down river and under firing systems.
8. Identification of Emissions:
  - A. Type(s) (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)  
Elevated H<sub>2</sub>S in the downriver and under firing gas line systems, causing increased SO<sub>2</sub> and VOC at point of combustion.
  - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). SO<sub>2</sub> is and VOC could be an eye, nose, and throat irritant.
  - C. Amount of each type emitted (or likely to be emitted).  
Light to moderate
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).  
Repairs are underway and expected to be completed in approximately 3 - 4 days.
10. Facility back in operation - Date: Time: hours

Signature

Coleen M. Davis  
Coleen M. Davis

Date 9/18/03

Senior Environmental Control Engineer Phone: 233-1015